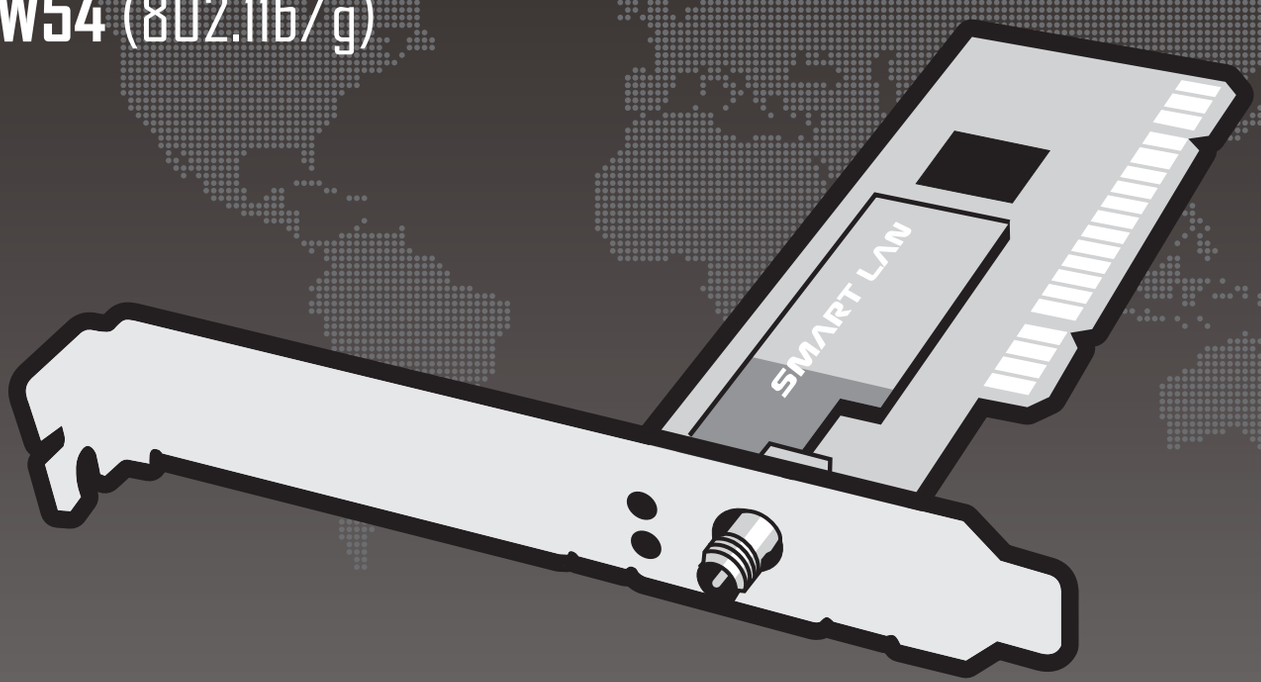
WIRELESS ADAPTER PCI 54Mbps

USER MANUAL

- Easy to install and configure
- **PW54** (802.11b/g)



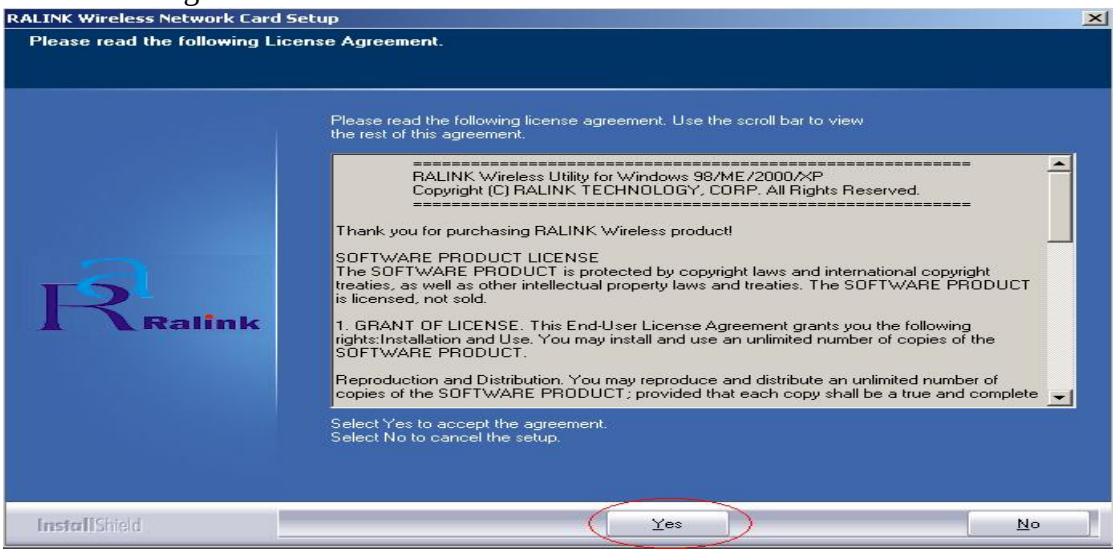
SMART LAN

Ralink PCI Wireless LAN Adapter User's Manual

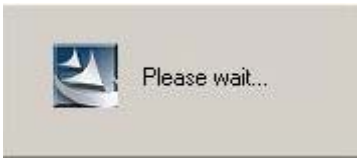
1 Install the driver

a Insert the installation CD into your CD-ROM driver, Double click the icon to start setup

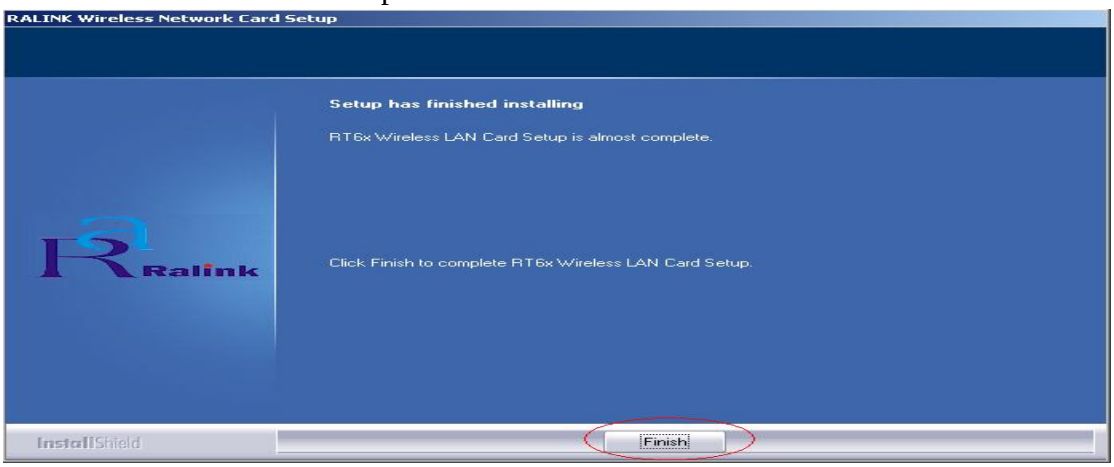
b click ***Yes*** to go on


RALINK Wireless Network Card Setup
Please read the following License Agreement.
Please read the following license agreement. Use the scroll bar to view the rest of this agreement.
RALINK Wireless Utility for Windows 98/ME/2000/XP
Copyright (C) RALINK TECHNOLOGY, CORP. All Rights Reserved.
Thank you for purchasing RALINK Wireless product!
SOFTWARE PRODUCT LICENSE
The SOFTWARE PRODUCT is protected by copyright laws and international copyright treaties, as well as other intellectual property laws and treaties. The SOFTWARE PRODUCT is licensed, not sold.
1. GRANT OF LICENSE. This End-User License Agreement grants you the following rights:Installation and Use. You may install and use an unlimited number of copies of the SOFTWARE PRODUCT.
Reproduction and Distribution. You may reproduce and distribute an unlimited number of copies of the SOFTWARE PRODUCT; provided that each copy shall be a true and complete
Select Yes to accept the agreement.
Select No to cancel the setup.
Ralink
InstallShield
Yes
No

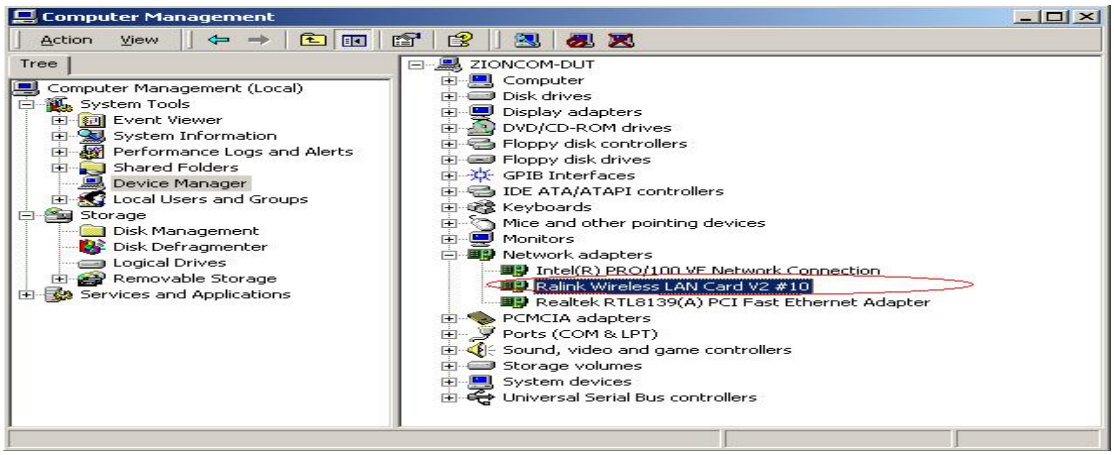
c



d click ***Finish*** to end the setup


RALINK Wireless Network Card Setup
Setup has finished installing
RT6x Wireless LAN Card Setup is almost complete.
Click Finish to complete RT6x Wireless LAN Card Setup.
Ralink
InstallShield
Finish

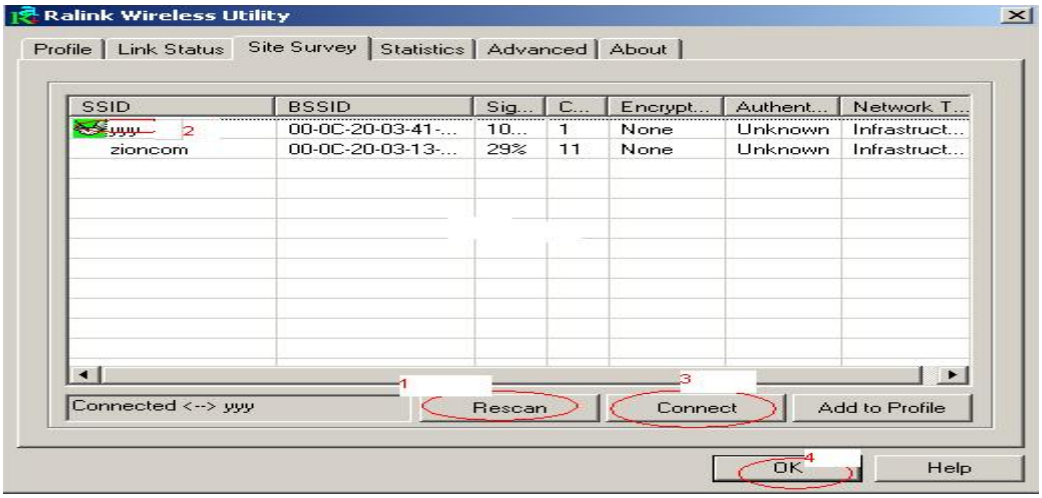
2 Turn off your computer, Plug in your PCI wireless LAN adapter, and then turn on your computer. it will be recognized and auto installed. Just confirmed it like below:



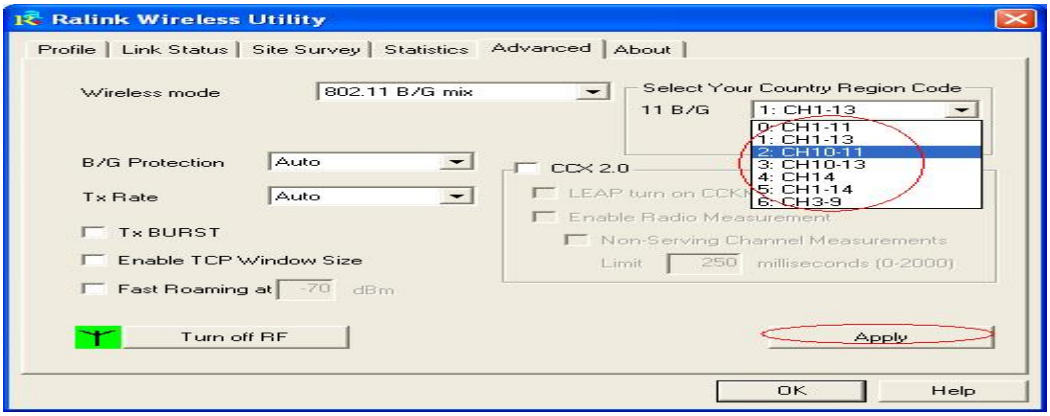
3 Make infrastructure connection

- Double click the icon in red circle

- You will see:



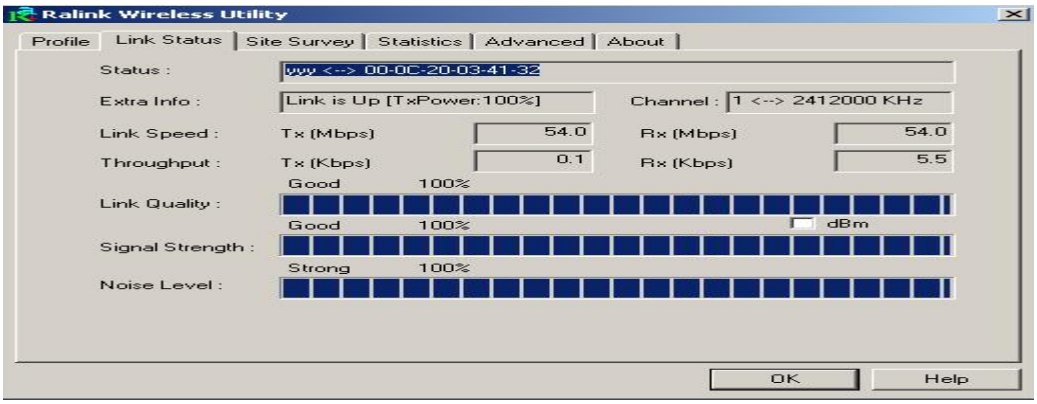
- You can click the button ***Rescan*** to find which AP is in range, they will show on the window, choice one you want to connect, and click the button ***connect***, and click ***ok*** to finish the connection operation.
- An infrastructure connection is accomplished.
- Note, please choose correct channel setting up to your law, for example, ch13 is permitted in your country, and you set your router at ch13, while you choose ch1-ch11 (default setting), you will never find the AP, and you will have to choose ch1-ch13 setting in ***Advanced*** page as below

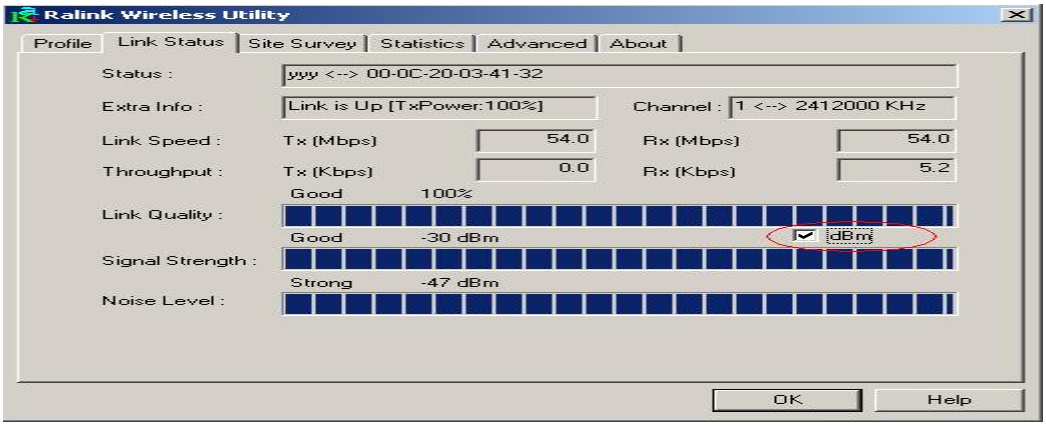


4 Some help information in *Rlink Wireless Utility*

- How to find out your IP address:

How to find out which a WIFI environment you are inside

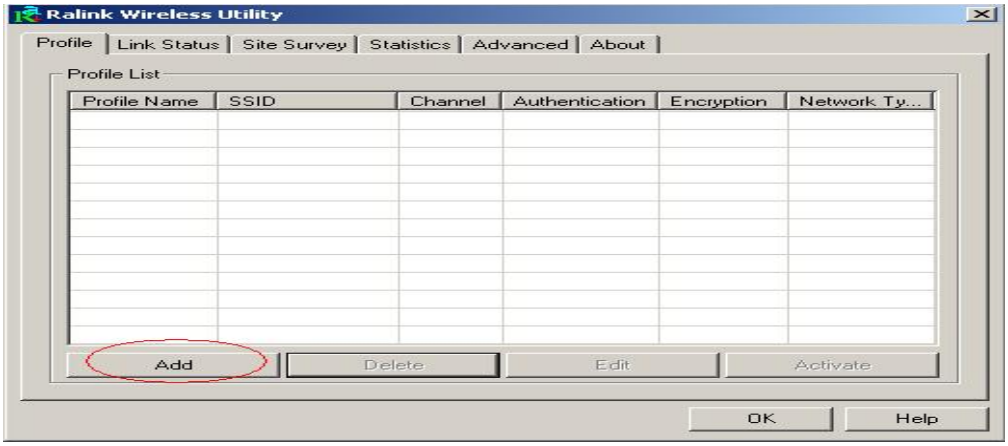




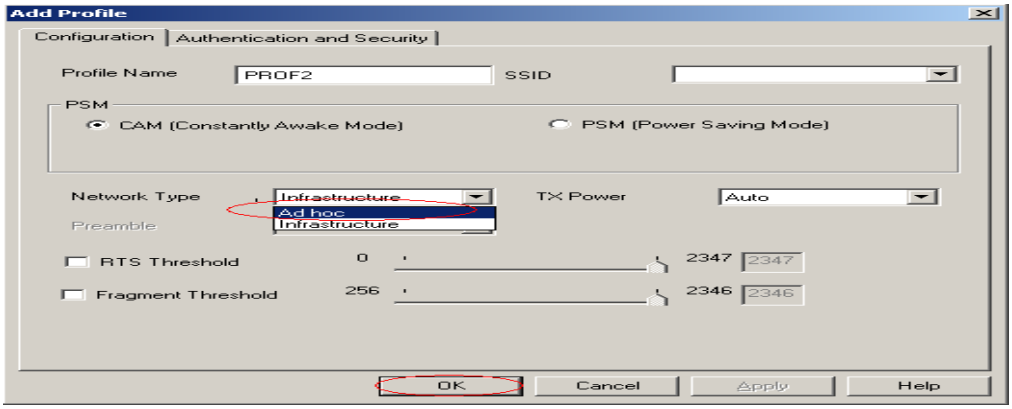
5 Make Ad-Hoc mode connection

- 5.1 Make an Ad-Hoc SSID

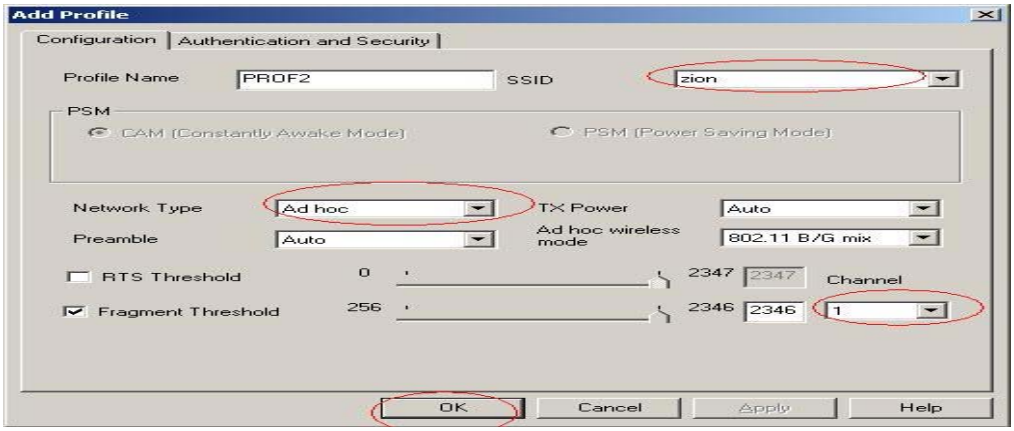
A


Ralink Wireless Utility
Profile
Link Status
Site Survey
Statistics
Advanced
About
Profile List
Profile Name
SSID
Channel
Authentication
Encryption
Network Ty...
Add
Delete
Edit
Activate
OK
Help

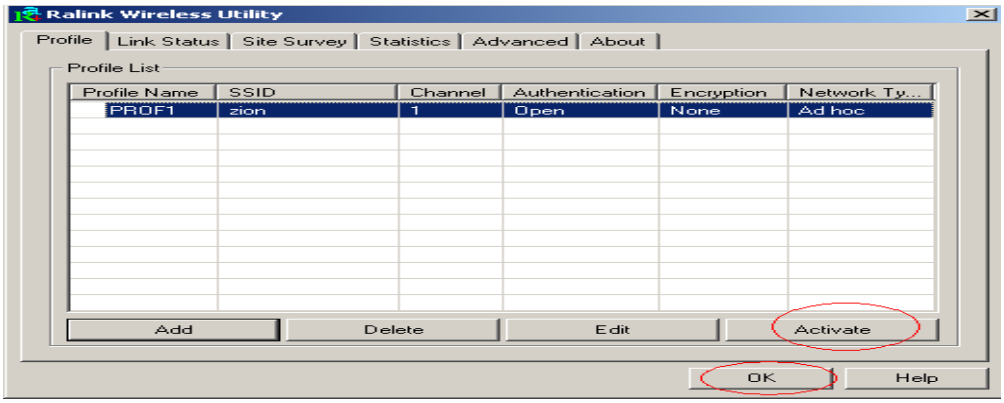
B


Add Profile
Configuration
Authentication and Security
Profile Name
PROF2
SSID
PSM
CAM (Constantly Awake Mode)
PSM (Power Saving Mode)
Network Type
Infrastructure
Ad hoc
Infrastructure
TX Power
Auto
Preamble
RTS Threshold
0
2347
2347
Fragment Threshold
256
2346
2346
OK
Cancel
Apply
Help

C

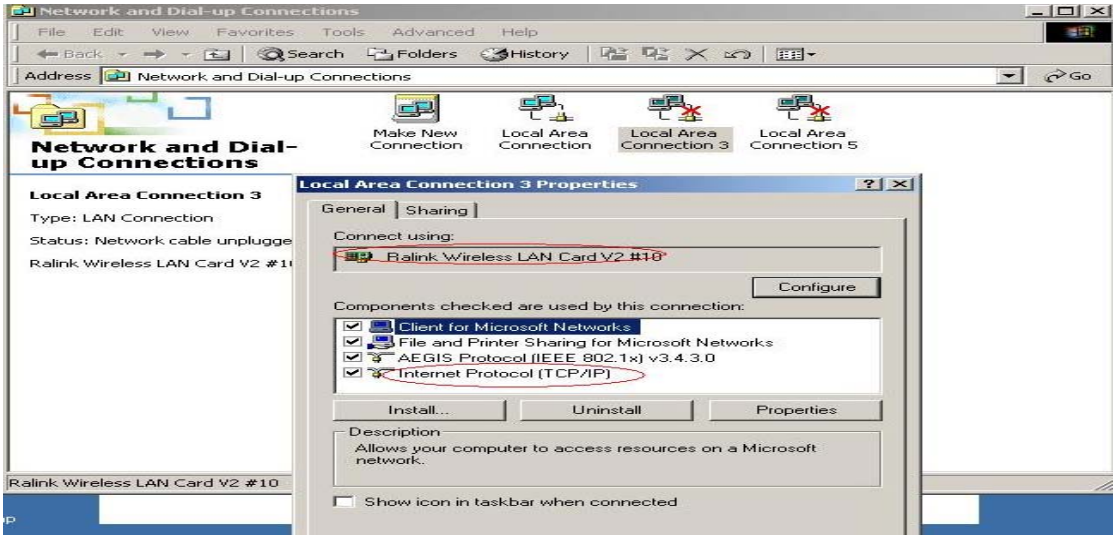


D

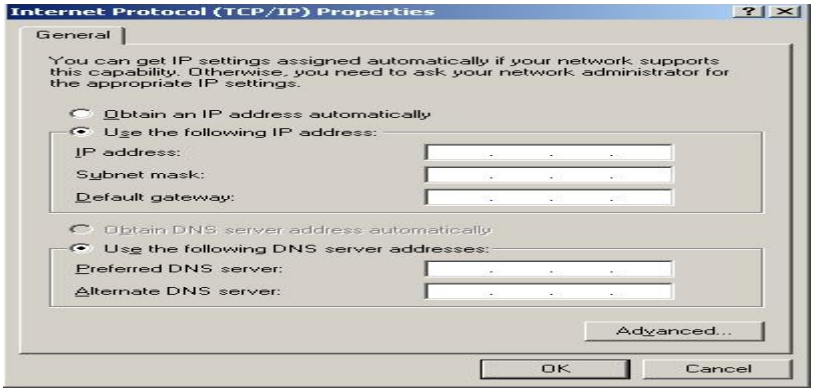


5.2 Setup static IP address for the Ad-Hoc link

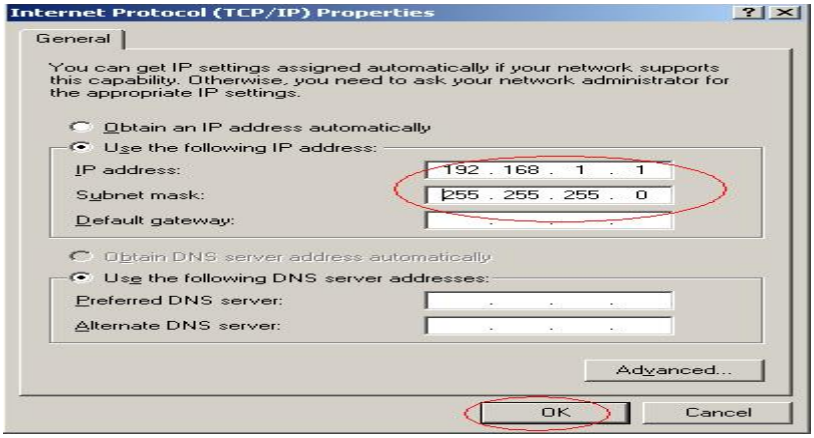
- A At its property page, double click item ***Internet Protocol (TCP/IP)***


Network and Dial-up Connections
File Edit View Favorites Tools Advanced Help
Back Search Folders History
Address Network and Dial-up Connections
Go
Network and Dial-up Connections
Make New Connection
Local Area Connection
Local Area Connection 3
Local Area Connection 5
Local Area Connection 3
Type: LAN Connection
Status: Network cable unplugge
Ralink Wireless LAN Card V2 #1
Local Area Connection 3 Properties
General Sharing
Connect using:
Ralink Wireless LAN Card V2 #10
Configure
Components checked are used by this connection:
Client for Microsoft Networks
File and Printer Sharing for Microsoft Networks
AEGIS Protocol (IEEE 802.1x) v3.4.3.0
Internet Protocol (TCP/IP)
Install... Uninstall Properties
Description
Allows your computer to access resources on a Microsoft network.
Show icon in taskbar when connected
Ralink Wireless LAN Card V2 #10

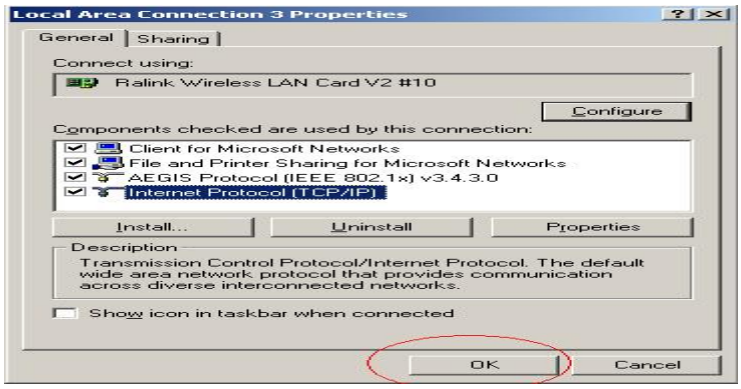
B You will get


Internet Protocol (TCP/IP) Properties
General
You can get IP settings assigned automatically if your network supports this capability. Otherwise, you need to ask your network administrator for the appropriate IP settings.
Obtain an IP address automatically
Use the following IP address:
IP address:
Subnet mask:
Default gateway:
Obtain DNS server address automatically
Use the following DNS server addresses:
Preferred DNS server:
Alternate DNS server:
Advanced...
OK
Cancel

C Fill the IP address blank, example as below:


Internet Protocol (TCP/IP) Properties
General
You can get IP settings assigned automatically if your network supports this capability. Otherwise, you need to ask your network administrator for the appropriate IP settings.
Obtain an IP address automatically
Use the following IP address:
IP address: 192 . 168 . 1 . 1
Subnet mask: 255 . 255 . 255 . 0
Default gateway:
Obtain DNS server address automatically
Use the following DNS server addresses:
Preferred DNS server:
Alternate DNS server:
Advanced...
OK
Cancel

D Click ***ok*** to finish the setup



- 5.3 Ad-Hoc setup for one point accomplished
- 5.4 Setup another Ad-Hoc point as step A,B,C,D.
- 5.5 Ad-Hoc mode link accomplished. And you can visit each other.

Note: To make an Ad-Hoc mode link, Do remember to choice the same channel, its static IP address should be in the same netsub, and the SSID should be the same too.

SMART LAN

www.smartlan.us